

## **Product Specification (1/2)**

Ver 3.0

## enblock C6.5

Electrical Characteristics	
Total Energy Capacity	6.5 kWh
Usable Energy Capacity <sup>1)</sup>	5.9 kWh
Battery Capacity	126 Ah
Voltage Range	42.0 to 58.8 V $_{\text{DC}}$
Nominal Voltage	51.8 V <sub>DC</sub>
Max. Charge/Discharge Current	100A
Peak Current <sup>2)</sup>	109.5A for 3 sec.
Max. Charge/Discharge Power <sup>3)</sup>	4.2kW
Peak Power <sup>2)</sup>	4.6kW for 3 sec.
Battery Pack Round-Trip Efficiency	>95% (under specific condition)
Communication Interface	CAN 2.0B
DC Disconnect	Circuit Breaker, Contactor, Fuse

Operating Conditions	
Installation Location	Indoor / Outdoor (Stand / Wall-Mounted)
Ingress Rating	IP55
Operating Temperature	-10 to 50°C
Operating Temperature (Recommended)	15 to 30°C
Storage Temperature	-30 to 60°C : ~7 days -20 to 45°C : ~ 6 months
Humidity	5% to 95%
Altitude	Max. 2,000m
Cooling Strategy	Natural Convection

Certification		
Safety	Cell	UL1642
	Battery Pack	CE / RCM / FCC / TUV (IEC 62619) / UL1973
Emissions		IEC61000-6-1, IEC61000-6-3
Hazardous Materials Classification		Class 9
Transportation		UN38.3

- X Test Conditions Temperature 25°C, at the beginning of life
- X Total Energy is measured under specific condition from LGES(0.3CCCV/0.3CC)

- 2) Peak Current excludes repeated short duration (less than 3 sec.) of current pattern.
- 3) LGES recommends 0.3CP for maximum battery lifetime. Maximum power will vary due to temperature and SOC.

<sup>1)</sup> Value for Battery Cell Only (Depth of Discharge 90%). Actual usable energy at the AC output may vary by condition, such as the inverter efficiency and temperature.



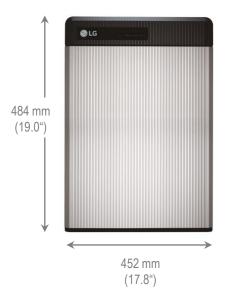
## **Product Specification (2/2)**

Ver 3.0

## **Features**

enblock C battery pack designed for photovoltaic systems is easily adaptable energy storage solution. With parallel box, enblock C3.3/6.5/10 can be "cross-connected" with each other.

- ※ Parallel box is an expansion kit specially designed for 48V models.
  Number of expandable battery units: up to 2EA
  - ☐ Easy and Flexible installation
    - : Easy to wall mount or install on floor
    - : Wide range of inverters available
  - ☐ Proven Safety and 10 year warranty
  - ☐ Compact size and space saving





Mechanical Characteristics		
	Width	452 mm (17.8")
Dimensions	Height	656 mm (25.8")
	Depth	120 mm ( 4.7")
Weight		52 kg (114.6lbs)

